

1881
THE MILLER STATIONERY CO.
25 East Third St.
DAYTON, O.

2347

Received of A. W. Thompson
 \$30.21, in payment of account
 for trip from Portland to
 Pacific Union via Dayton.
 Aug 3. Forster.

404.

books

17.

40

20

40

books

25

81

books

30

Bailey Landing: Red Rock Landing
 Perry Co. only, very low water, in
 river bottom.

St Marys. St Gene
 Road to Farmington - about 3-4
 miles out, as you up side of hill
 you find yellowish limestone &
 clay - Piskovino.

Wilsonburg.
 Walk along river bank about
 1 mile, in river bank.

Skeneidium (?) *nodocostatum* Rowley
Orthis nisis group.

Strobilocrinus elongatus
 Not a *Strobilocrinus*
 cystis.



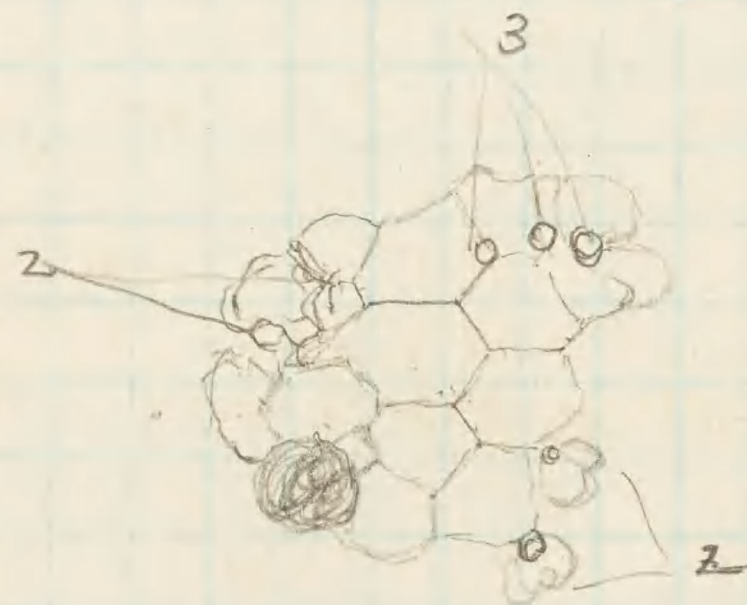
Bailey's Landing
 Red Rock.

Silurian 18-20 ft. Bowling Green l., yellow,
 3-4 ft. Watson l., oolitic patches
 Gyrene - corals, bryozoans
 Noix white.

Black shale
 Onondaga yellow limestone
 corals.

Williamstown 8.00 Am
 4 P.M.
 9.20 P.M.

$\frac{11}{13}$ 15 13) 165 (13
 $\frac{13}{35}$



St Louis 9. P.M. Sat.
 Louisville, 6.55 A.M. Sunday.

Room 302 Terminal Hotel

Glencoe Lime & Cement Co.
 Byers, Missouri.

1/2 hr of West Richmond.

Monday On RR,		26	
Tuesday In list		27	
Wednesday Potatoe bank	.50	28	3.00
Thursday London	1.00	29	3.00
Friday Sinking Springs	1.50	30	3.00
Saturday Sinking Springs	1.50	31	3.00
Sunday London	1.00	1	3.00
Monday			3.00
			<u>18.00</u>

CH + D 9:45 PM Dayton 11:30 PM
2:55 AM 4:40 AM

Big 4 9:45 PM, Dayton 11:35 PM

From Churray school south $\frac{3}{4}$ mi
then east, at first whitish clay
supposed to be Crest Archad, Further
east is blue black shale dipping
 30° or more eastward. Then further
east is sandy looking rock which
may be Brown West Union.
 $\frac{3}{8}$ mi E of side, at road angle
where road turns north, West
Union limestone, with Cladopora,
small celled Favosites.

Half a mile S of Smoky Corner School
at corner 826, the base of the Chen-
tango is exposed at 826 USGS.
and this and the Black Shale
occupy the ground as far south as
the next depression in the road.

East of corner 826 top of Monroe occurs
and $\frac{1}{4}$ mile east is base of Chen-
tango at 820 about.

From Smoky Corner school to house $\frac{1}{8}$ mi NE
Here top of Monroe - about 815. Up creek
SE of house, in creek bed, and about
27 ft below house level = Chentango - Monroe
contact. = dip east.
At house top of Monroe is about 15
feet below house level

From Sucky Corners School $\frac{1}{4}$ mi W &
then $\frac{1}{4}$ mi N. where 820 line touches the
road, west of where the limestone
rises as high as 820 along the road.

From Sucky Corners School $\frac{1}{4}$ mi W &
then $\frac{5}{8}$ mi N. to road corner 813.
East of road corner as far as creek
and for several hundred feet beyond,
top of Murre is exposed. At about
820 the Clinton aug. shows up and
forms the hill as far as $\frac{1}{4}$ mi E of the
road corner. About $\frac{3}{8}$ mi E of road
corner the top of the Murre shows
up again, somewhere near 830 and
where the creek crosses the road
 $\frac{1}{2}$ mi E of road corner, the Clinton aug.
comes in again at about 830.

From corner 813 go $\frac{1}{4}$ mi N. At road
corner is Murre which shows up as
usual at house nearly $\frac{1}{4}$ mi E of corner.
Directly east of house, at about 830
is lowest Clinton aug. seen which
continues to where road turns N.
After the road has gone $\frac{1}{2}$ mi N.
the typical blue Black shale shows
up at about 840.

From corner 813 go $\frac{1}{4}$ mi N. to road
corner, From here no exposures for
 $\frac{1}{4}$ mi N. At this western road corner
is Murre top. This Murre top rises
irregularly northward for $\frac{1}{2}$ mi
where the road turns W. Murre is
seen west of road corner. The Clinton
aug. runs in sag of road where road
turns NW. Next Murre occurs very
house in east side of road and Clinton
aug. comes in NW of house and
continues as far as road corner
875. This series of outcrops here and
to and SE of Sucky Corners School
suggests that Clinton aug. rests upon
very irregular Murre base, but
it is possible that all the rocks here
are irregularly contorted and folded.

From Conway school $\frac{1}{8}$ mi N. to
corner 782, then $\frac{3}{4}$ mi E to where road
turns off straight north. For on this
road, westward for a short distance
top of Murre is exposed. Further west,
black shale base shows up nearly $\frac{1}{4}$ mi
W of road junction, where 820 con-
tinuity line reaches road from south,
and this black shale and underlying
Clinton aug. are exposed westward
as far as both creek crossings. A
short distance west of second creek
crossing a sandstone like rock,

assumed to be West Union shales
up and this sandstone like rock
is followed east of road corner
782 by a whitish clay assumed to
be Crat Orchard clay. This same
Crat Orchard clay and West Union
sandstone occur also 1 mi S of
road corner 782, where another
road leads off west. It should
be remembered however that one
mile south of the Conway school
this eastward road exposed actual
black shale south of the supposed
Crat Orchard and that the unknown
sandstone, here called West Union,
outcrops farther west. There is no
doubt about westward dip in the
leather black shale in the exposures
east of the creek $\frac{1}{2}$ mi NE of the
Conway school.

Returning to the corner N of Conway
school, = corner 782, a gully $\frac{1}{2}$ mi E
of corner + south of road, on east side of
highest point in road, showed
Talcum or Canada galls in sandstone
suggesting Waverly age in place of
West Union so that the clay section
westward, which dips westward,
may also be one of the Waverly clays.

East side of pike at Conway school
and church is more of unknown
whitish clay here called Waverly
clay.

Farther S along pike is leather black
shale. Then farther south is the
same unknown white clay of
supposed Waverly age, and farther
south is small abandoned stream
where lane turns off west to several
houses back from pike.

SW of point where this lane starts
off is a knoll exposing leather
black shale on NE side where
brook flows against east side of
knoll.

Immediately W of point where this lane
starts off there is a sandstone
here in the field as Waverly.

Between point where lane turns off and
road corner 779 the unknown
white clay (Waverly clay?) is exposed
along road, on E side of road.

N of Crooked creek $\frac{1}{3}$ mi, W of
letter F in FRANKLIN, Crat Orchard
clay is overlaid on east side of
road by line of West Union with
typical Iron West Union fossils
about 40 ft above road. This suggests
Crat Orchard age of unknown
clay, called Waverly above.

Wanted
Corydorphilus (Drechsleri) halli, F.
type locality & horizon?

Mingom islands, where? St Lawrence
Large Island " St Lawrence

Pentamerus ovalis etc.
Clinton nomen nov.

Strophodonta canadensis
my collecting?

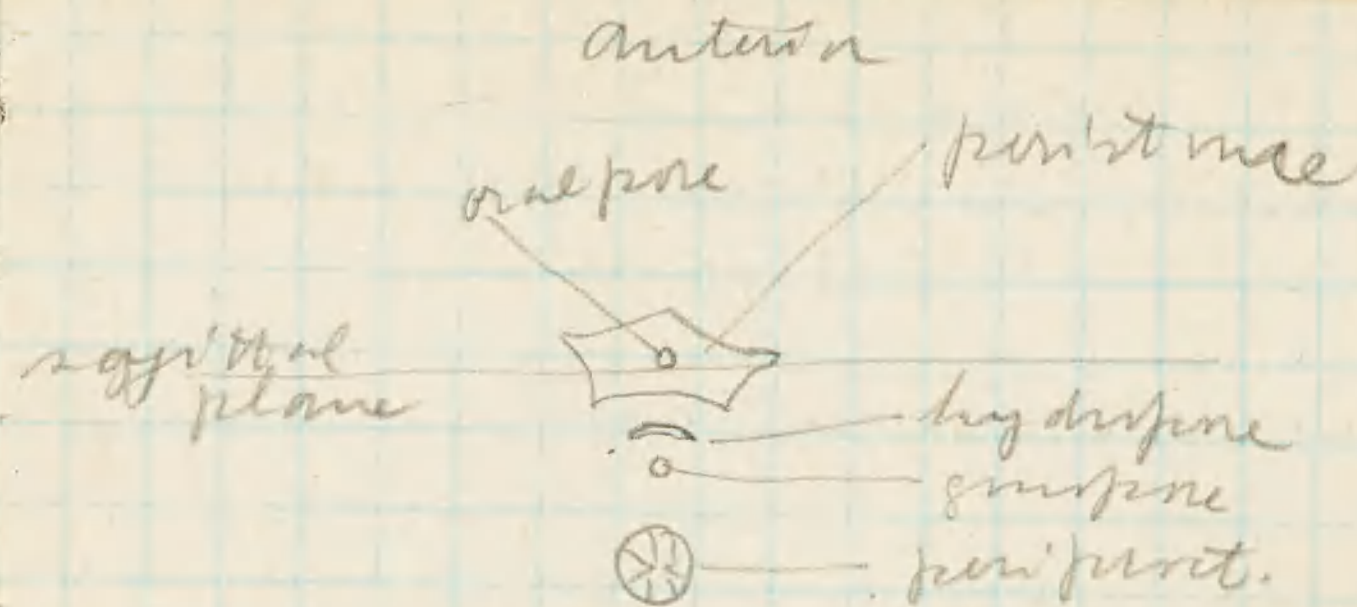
Centronius elongatus

Arges tricusculatus type.
at Trenton?

Kerr. Perfection & impression Com-
pound. Detroit Dental
Mfg. Co

12.20 Car 1.

Lizerner 79th & Amsterdam
Brithen Hall 86 & Broadway



Antar.
Lichas — 1920
Schindlermota 1919
Leutels 1919
Silurian of Ohio II, 1919

Camartoechia acinus Grandegroot
Camartoechia aequiradiata Sanguin
Camartoechia emacerata Williamson
Camartoechia neglecta Reynales Grandegroot
Pterinea emacerata Sanguin
 ? Bear Creek
 Brewster
 Van Hornville
 Phoenix

Beyrichia lata Sanguin
 → Sodus
 ? Verma
 ? Kirkland

Bollia lata ? Sanguin
 → Sodus
 ? Williamson

Carinia bilateralis (maculata?) Furnaceville
 Reynales
Bryconus plurimus Furnaceville
 Reynales
Centrodasma calyculus ? Furnaceville

Strophomella patula ? Furnaceville
 Reynales

Camartoechia bidens Reynales
Atrypa reticularis Sodus

? Williamson
 Brewster
reticularis affinis Phoenix
 Grandegroot Donnelly

Cyrtospira nitens (hemisphaerica) Furnaceville
 Sodus

plicatula Furnaceville
 Reynales

Phacops bisulcatus Sodus

Calymenella arctata Sodus

Calymene vogdesi ? Sodus

Calymene niagarensis Grandegroot

Calymene chintini ? Williamson
 [Brewster]
 Kirkland

Trimerus delphinocephalus Harker
 Grandegroot

Dalmanites limulurus Phoenix
Bumastus exilis Grandegroot
Spirifer radiatus Walcott Furnace
 Williamson

Grandegroot
Spirifer niagarensis Phoenix
Spirifer crispus Donnelly
 ? Walcott

Atrypa unistriata Grandegroot
Pentamerus validus ? Phoenix
 ? Donnelly

Strophomena diademata Reynales

Pentamerus affinis Reynales
 Walcott

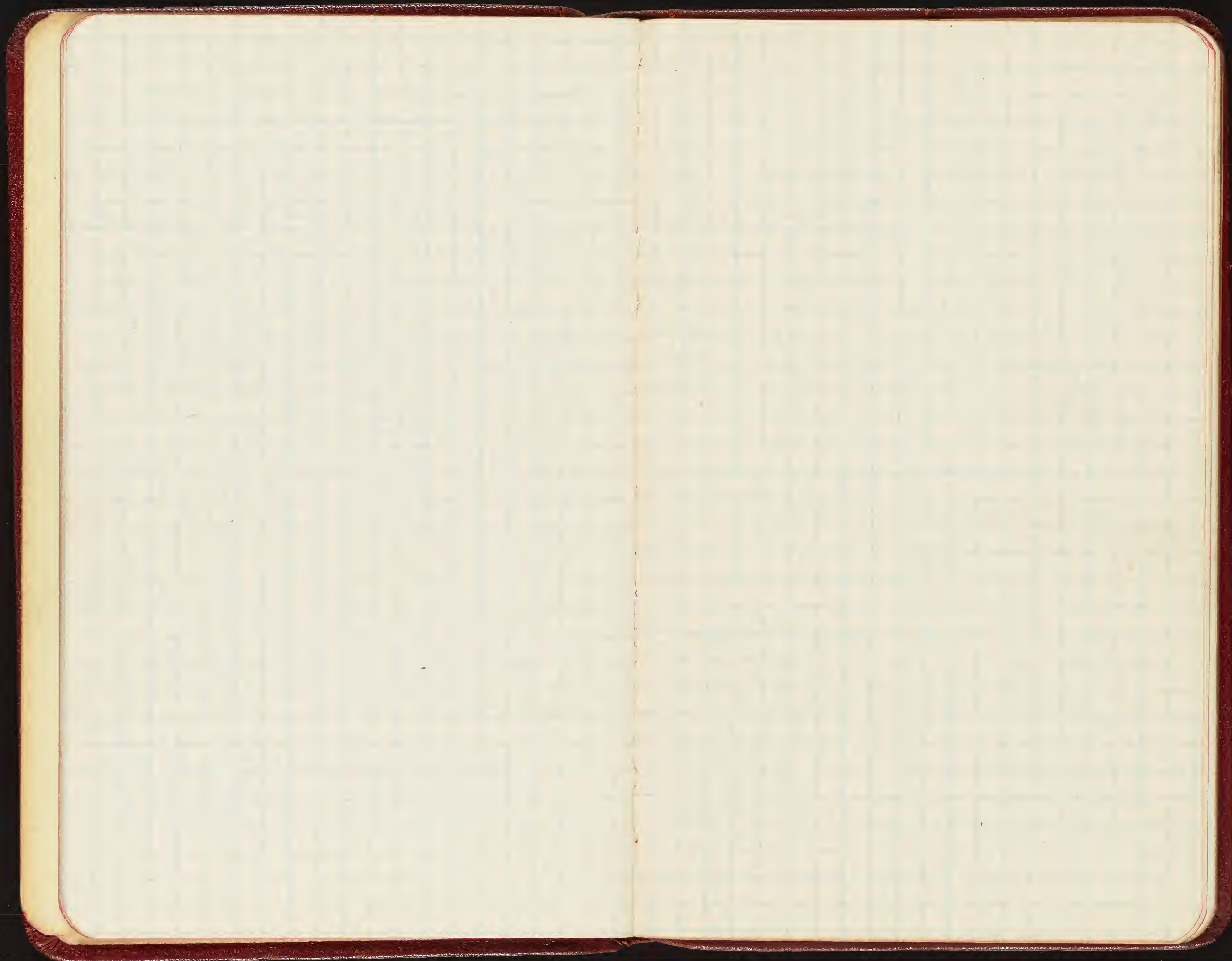
Stromatopora
"Ostrich eggs"

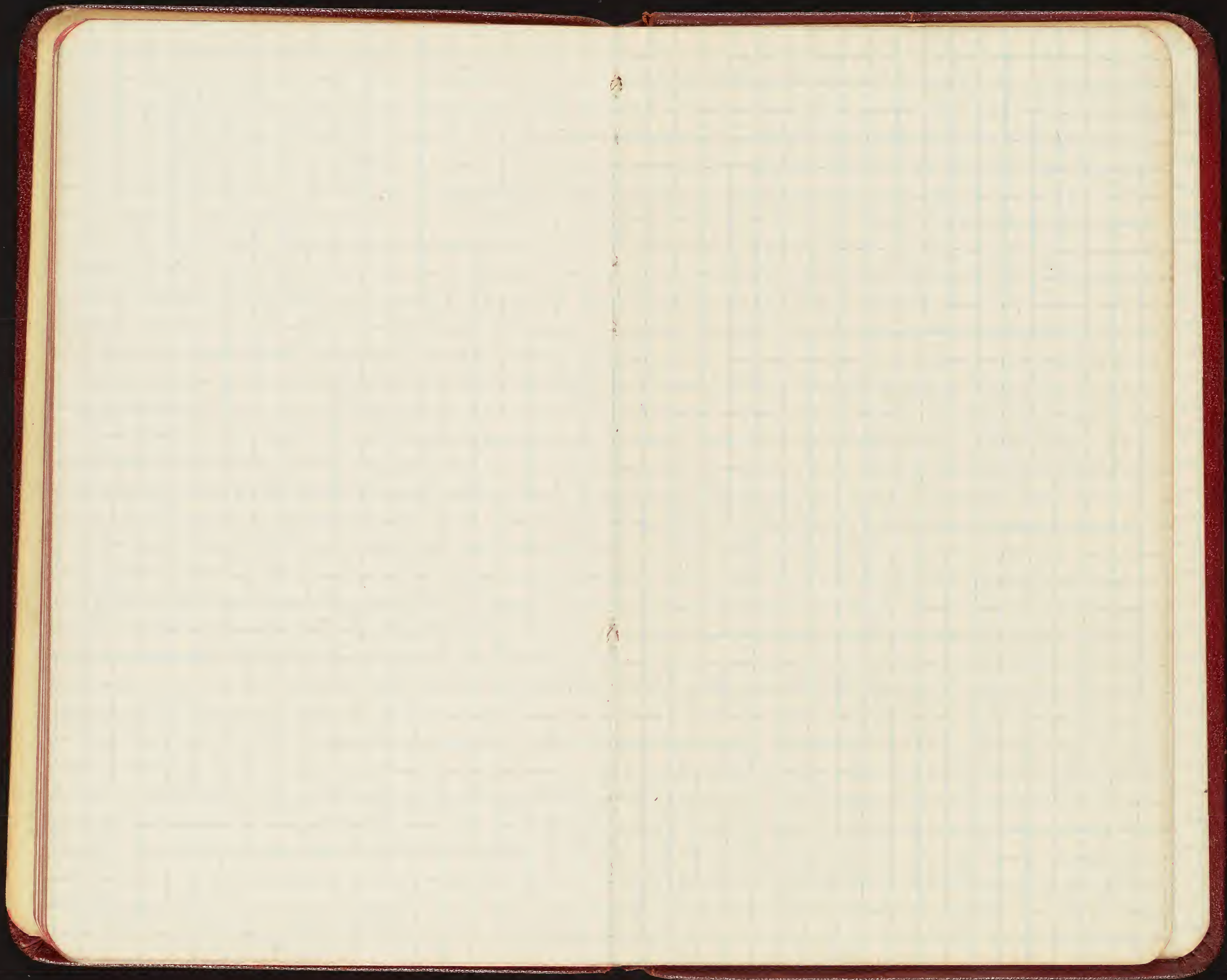
W H Bowles farm, 2 mi W of
New London, on south side of
road, on east branch of Doe
Run, about $\frac{1}{2}$ mile above its
confluence with Doe Run,
= ESE of this confluence.

Top of Devonian ls. with large
"pillow" structure, forming
to the thickness of 2 feet. The
total thickness of the Devonian
here is 15 feet.

It is underlain by
Calcareous shale — 15 ft
Yellowish green shaly clay - 2 ft
Top of Stewartville with
Murchisona at top, and
with Receptaculites and
Cyclonites halli at 15 ft below top
of Stewartville. At this
Cyclonites horizon are some
cystid fragments (Elyptocystites
apparently).

The upper part of Devonian has
crinoids Favosites polymorpha
bel in the Stromatopora
layer.





1.05 678

200

3.26

300

315 740

678

580

98

40

40

678

540

138

160

22

below station

quarter master 56
ordnance 50
signal corps 56

